**Ref: QECD/BBMP/YNK/PMC-04/2019-20** **Date:**

To,
The Executive Engineer,
Yelahanka Division,
Yelahanka Zone,
Bangalore-560064.

From,
Qualiex Civil Design & Consultancy,
#42, 18th Cross, Sri Rampura Main Road,
Jakkur, Amruthahalli,
Bangalore-560064.

## PMC CERTIFICATE

**Sub:** Certifying the 1st and Final for the Work of **"Improvements to Drains and Roads in Saivihara Layout and Surrounding areas in Herohalli in Ward No.02 of Yelahanka Sub Division".**

With Respect to above subject, this is bring to your kind information that we have scrutinized the 1st & Final Bill submitted by **" Sri. Sridhar Y R"**, Contractor, No.987, O.M.S Road, Yelahanka, Bangalore-64 towards the above work. The work has been completed satisfactorily.

| Sl No | Description Work | Unit | Quantity | Amount in Rs. |
|---|---|---|---|---|
| 1 | KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and | Cum | 205.19 | 41107.80 |
| 2 | KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable | Cum | 79.98 | 66212.20 |
| 3 | KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually ( other than foundation of buildings, culverts, road drains and trenches of pipe lines and | Cum | 79.98 | 13310.30 |

A.E.E AE-02

| | | | | |
|---|---|---|---|---|
| 4 | KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, | Cum | 365.15 | 36515.00 |
| 5 | KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine | Cum | 91.05 | 469728.80 |
| 6 | Providing and laying palin / reinforced cement concrete for side drains using M20 nominal mix concrete with OPC cement at 300kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum | Cum | 68.30 | 753518.40 |
| 7 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position,blapping and / or welding wherever required, tying with binding wire and | Tonne | 4.07 | 304906.10 |
| 8 | Providing and fixing Precast RCC Slabs of 0.10m thick of CC 1:2:4 with 20 mm and doen size graded granite metal, machine mixed, including cost of all matrial, labour, HOM of Machinery, curing complete. | Sqm | 186.22 | 391062.00 |
| 9 | Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , | Cum | 60.00 | 373904.40 |
| 10 | Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. | Sqm | 400.00 | 38160.00 |
| 11 | Providing groove cutting for width of 5mm to 10mm and depth 80mm- 100mm including cost of cutting machine, generator & HOM of machinery, including | m | 46.25 | 5637.90 |
| | **Total Amount** | | | **2494063.00** |

**Thanking You,**

**Yours Faithfully**

A.E.E

**For Qualiex Civil Design & Consultancy**

**Authorized Signature**

*Adress: #42, 18th Cross, Sri Ram Pura Main Road, Jakkur, Amruthahalli, Bangalore-560064*
*Ph No:- +91 9482685185, +91 9035830663*
*Email: qualiexpvtltd@gmail.com*

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Pre-Measurement

102381

rial No. ..... Improvements to drains and roads in Saivihar Layout and Surrounding

me of work areas in Harahalli in ward No-02 of yelahanka Sub division.

me of Contractor of nature of Agency ..... Sri. Sridhar Y.R .....

te of commencement of work .....

| ate | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (1) KSRB 2-2.1: Earth work excavation for foundation of buildings culverts water Supply, Sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary Soil not exceeding 1.5m in depth including shoring the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods Complete as per Specifications. | | | | | | |
| | Drain :- Saivihar layout main Road R/S :- | | | | | | |
| | | 1 | 30.00 | 1.10 | 0.95 | 31.35 | |
| | | 1 | 30.00 | 1.10 | 0.95 | 31.35 | |
| | | 1 | 20.00 | 1.10 | 0.95 | 20.90 | |
| | 2nd Cross R/S :- | 1 | 30.00 | 1.10 | 0.95 | 31.35 | |
| | | 1 | 30.00 | 1.10 | 0.95 | 31.35 | |

Contents

7

4.50
4.50
3.67
0.96
oad.
8.62
=7.33
=13.06
E.E

M. A. R. 57 (Rule 116)
Measurement Book

No. B 102383

erial No. .....
ame of work ..... From ..... To .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

| Date | Full description, etc, of work | Number | Dimensions: Length | Dimensions: Breadth | Dimensions: Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Krishnamurthy Houle Side road :- | | | | | | |
| | | 1 | 15.00 | $\frac{2.80+3.30}{2}$ | $\frac{0.15+0.10}{2}$ | = 5.71 | |
| | | 1 | 8.00 | $\frac{3.30+4.90}{2}$ | $\frac{0.10+0.15}{2}$ | = 4.10 | |
| | | 1 | 7.00 | $\frac{4.90+6.50}{2}$ | 0.15 | = 5.98 | |
| | Shivanand Houle Road :- | | | | | | |
| | | 1 | 15.00 | $\frac{4.20+3.20}{2}$ | $\frac{0.10+0.15}{2}$ | = 6.93 | |

# MEASUREMENT BOOK

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | To facilitate Measurement 8 |
|---|---|---|---|---|---|---|---|
| | culvert portion Group:- 1 Camp:- 2016/17 AE to 2 | 1 | 23.80 | 3.20+3.10 / 2 | 0.15+0.12 / 2 = 9.90 | 91.76 m3 | |
| | | | 3.20 | 1.00 | 0.15 | 0.48 | |
| | | | | | | 91.28 m3 | |
| | | | | | Limited TO | 91.25 | |

M. A. R. 57 (Rule 116)

Measurement Book

No. B 102384

Pre-Measurement

rial No. .....

me of work Improvements to drains and roads in Sajvihara Layout and Surrounding areas in Harohalli in ward No-02 of Yelahanka Sub Division.

me of Contractor or nature of Agency Sri. Sridhar. Y. R

e of commencement of work.....

| le | Full description, etc, of work | Number | Dimensions Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 7 | KSRB 4.9.2: Providing T.m.T Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary Complete as per design (lapp, hooks and wastage shall not be measured and paid) Cost of materials, labour, Hire of machinery Complete as per Specifications. | | | | | | |
| | R.C.C drain:- main Roads 10mm ϕ (@10c/c) | | | | | | |
| | Sajvihara layout main Road R/S:- 300 Nos x 2.10 = 630.00 | | | | | | |
| | 300 Nos x 2.10 = 630.00 | | | | | | |
| | 201 Nos x 2.10 = 422.10 | | | | | | |
| | 2nd Gate R/S:- 300 Nos x 2.10 = 630.00 | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc. of work | Dimensions | | | | Contents | Measurements |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

INDEX:-
- R.C.C Road
- R.C.C Culvert

NAYUDU LAYOUT MAIN ROAD

L=38.30
W=3.35
W=4.20
L=30.00
W=3.95
L=46.00

SAI VIHAR LAYOUT MAIN ROAD

L=80.00 mtrs

2nd Cross

L=90.00 mtrs

HARDHALLI MAIN ROAD

L=24.50

L=3.20

Water Tank Road

Cross Road

Final bill
Recorded on:-

M. A. R. 57 (Rule 116) Work Code :- 003-18-00002

Measurement Book No. B

Work order No:- EE (YNK.D) E-Prn-18/20.01 /2018-2019 102385 Date 31/07/2018

al No.

e of work Improvements to drains and roads in Sajvihar Layout and Surrounding areas in Horahalli in ward No-02 of Yelahanka Sub division.

e of Contractor of nature of Agency Sri. Sridhar. Y.R No:987, 6th S. Road, Yelahanka, Bangalore-64 Est cost Rs. 25 Lakhs

of commencement of work

| Full description, etc, of work | Number | Dimensions Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1) KSRB 2.2.1: Earth work excavation for foundation of buildings, Culverts water Supply, Sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods Complete as per Specifications. Quantity vide, As per pre-measurement recorded in this MB and Page No of:- 102381:- 205.19 m³ @ Rs. 200.34 | | | | | 41,107.76 | |
| 2) KSRRB m200-24:- Dismantling of Cement Concrete Pavement by mechanical means using pneumatic tools, breaking to pieces no exceeding 0.02 cum in volume and stack piling at designated locations and disposal of dismantled materials up to a lead of 1000 | | | | | | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B
102390

No. .....
of work ..... From ..... To .....
of Contractor of nature of Agency .....
of commencement of work .....

| Full description, etc, of work | Number | Dimensions Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Govindaraddy Houle Road:- | 5 NOS | 4.20 | - | - | 21.00 | |
| Krishnareddy Houle Side road:- | 3 NOS | 3.95 | - | - | 11.85 | |
| Shivanandas Houle Road:- | 4 NOS | 3.35 | - | - | 13.40 | |
| | | | | | 46.25 cmtrs | 5637.87 |
| | | | | @Rs. | 121.90 | |
| | | Total Bill Amount Rs= | | | 2494062.77 | |

Asst. Executive Engineer
Yelahanka Sub. Division
Bangalore
13/12/19
AE-02

CERTIFICATE:-
1) Certified that the above work done is Satisfactorily Completed.
2) Certified that the there is no debries have been cleared to site.

13/12/19
AE-02

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Number | Dimensions | | | Co |
|---|---|---|---|---|---|---|
| | | | Length | Breadth | Depth | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Gross Amt = Rs 2494063/- | | | | | |
| | FSD = Rs — | | | | | |
| | CSD = Rs 22268/- | | | | | |
| | SSD = Rs 12268/- | | | | | |
| | = Rs 24940/- | | | | | |
| | = Rs 2494/- | | | | | |
| | Rate 30327 | | | | | |
| | 10200 | | | | | |
| | 13243 | | | | | |
| | 2356626/- | | | | | |
| | SBR no 57/19-20 | | | | | |
| | 06-01-2020 | | | | | |
| | 2356626/- | | | | | |
| | 137437/- | | | | | |
| | 2494063/- | | | | | |